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No. IX.

METEOROLOGICAL JOURNAL,

COMMENCING

1st JANUARY, 1846, AND ENDING 31st DECEMBER, 1846,

BY

GEORGE YEATES.

THE instruments employed, and the general circumstances of the mode of observing, have been described in the preliminary observations to the Tables of the year 1843, in the 2nd volume of the Proceedings of the Academy, Appendix V.

VOL. III.

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JANUARY.						FEBRUARY.						MARCH.					
Thermom.		Barom.	Rain.	Wind.		Thermom.		Barom.	Rain.	Wind.		Thermom.		Barom.	Rain.	Wind.	
Max.	Min.					Max.	Min.					Max.	Min.				
1	51°	29.900	.200	W.	1	55°	40°	29.880	.100	W. by S.	1	57°	44°	29.700	...	S. E.	
2	41	30.280	...	W.	2	48	35	29.780	.380	W.	2	56	44	29.640	.040	S. S. E.	
3	49	31	30.160	.060	W.	3	52	39	29.600	...	S. W.	3	52	44	29.360	.460	S. W.
4	54	35	29.880	.180	S. W.	4	54	36	29.900	.050	W.	4	51	44	28.990	.220	W.
5	41	33	30.100	.110	W.	5	46	39	29.800	.018	W.	5	51	39	29.970	...	W. by S.
6	54	39	29.890	...	W.	6	44	36	29.870	...	W.	6	50	36	29.520	.050	W. by S.
7	51	45	30.080	...	W.	7	52	42	29.790	...	W.	7	49	36	29.680	.090	W. by N.
8	52	47	30.390	...	S. W.	8	48	35	30.120	...	N. W.	8	51	35	30.020	...	N. W.
9	53	29	30.490	.006	S. W.	9	43	29	30.340	...	N. W.	9	48	39	30.220	.058	N. W.
10	47	32	30.230	...	S. W.	10	41	32	30.400	...	N. E.	10	53	34	30.320	...	N. W.
11	52	33	30.150	.008	S.	11	41	28	30.240	...	W.	11	53	45	30.370	.145	N. E.
12	47	42	29.790	.006	S. by E.	12	44	36	30.200	...	W. by N.	12	51	36	30.530	...	W. by S.
13	45	40	29.380	.030	S. E.	13	47	39	30.200	...	W. by N.	13	54	45	30.290	.020	W. by S.
14	48	44	29.260	.370	S. E.	14	47	39	30.030	...	W.	14	52	46	29.980	...	W. by N.
15	43	39	29.600	...	W.	15	47	37	30.300	...	W.	15	54	43	29.890	.405	W.
16	41	36	29.600	...	S.	16	46	38	30.320	...	W. by N.	16	54	41	29.250	.200	S. W.
17	48	44	29.520	.080	S. W.	17	47	36	30.200	...	W. by N.	17	47	33	29.470	.100	N. W.
18	49	30	29.550	.018	S. by E.	18	47	37	30.020	...	N. W.	18	43	30	29.620	...	N. W.
19	47	36	28.780	.240	E.	19	46	40	29.970	...	W.	19	39	25	25.570	.020	S.
20	51	39	29.090	.500	W.	20	47	39	29.990	...	E.	20	37	26	29.680	...	N. E.
21	47	38	29.140	.015	E.	21	53	43	29.860	...	S. W.	21	47	26	29.090	.105	S. W.
22	51	43	28.700	.300	W.	22	58	47	29.470	.060	S. W.	22	47	35	28.930	.245	W. by S.
23	51	41	29.000	.030	S. E.	23	56	49	29.570	.008	S. W.	23	47	36	28.930	.008	W. by S.
24	57	41	29.400	.040	W.	24	59	48	29.130	.200	S. E.	24	50	37	29.190	.010	W. by S.
25	53	45	28.990	.230	S. W.	25	56	47	29.420	.045	W. by S.	25	52	37	29.190	.100	S. W.
26	55	47	28.890	.020	S. W.	26	54	42	29.480	.012	S. E.	26	48	35	29.590	.180	N. by W.
27	52	45	29.300	.030	S. W.	27	57	46	29.420	.040	S.	27	50	36	29.780	.100	W.
28	51	41	29.150	.160	S. W.	28	57	47	29.540	.054	S. W.	28	51	35	29.570	.002	N. W.
29	50	40	29.290	.200	W. by N.	29	57	46	29.420	...	W. by N.	29	47	30	30.020	.020	N. E.
30	51	42	29.670	.002	S. W.	30	51	42	29.670	.002	S. W.	30	48	29	29.990	.002	S. E.
31	56	49	29.760	.008	S. W.	31	56	49	29.760	.008	S. W.	31	49	40	29.570	.080	E. by S.

APRIL.				MAY.				JUNE.								
Thermom.		Rain.	Wind.	Thermom.		Rain.	Wind.	Thermom.		Rain.	Wind.					
Max.	Min.			Max.	Min.			Max.	Min.							
1	51°	41°	.460	W.	1	55°	44°	30.260	.260	W.	1	69°	49°	30.150	...	E.
2	55	39	.200	E. by S.	2	64	52	30.230	...	W.	2	79	52	30.208	...	E.
3	52	38	.460	S. W.	3	62	51	30.120	...	E.	3	84	56	30.264	...	E.
4	48	37	.29.420	E. by S.	4	62	50	29.640	.025	S. by E.	4	83	54	30.160	...	E.
5	47	36	.29.000	E. by S.	5	62	47	29.528	.014	S. E.	5	84	59	30.140	...	S. E.
6	41	35	.29.240	N. E.	6	64	45	29.480	.300	S. W.	6	85	56	30.122	...	S. E.
7	47	31	.29.370	E. by N.	7	64	41	29.650	.100	W. by S.	7	84	53	30.033	...	S. E.
8	49	33	.29.380	W.	8	58	42	29.930	...	W. by S.	8	82	55	29.800	...	W.
9	51	34	.29.700	W.	9	62	44	29.800	...	W. by N.	9	77	60	29.732	...	S. E.
10	53	32	.29.780	W.	10	63	43	29.650	.060	W. by S.	10	76	59	29.831	.040	S. W.
11	59	42	.29.240	S. E.	11	60	44	29.864	.035	W. by S.	11	76	54	30.141	...	W.
12	52	46	.29.000	S. E.	12	67	46	29.722	.130	S.	12	76	54	30.295	...	W.
13	60	47	.29.260	S. W.	13	57	45	29.858	.140	E.	13	78	56	30.230	...	W.
14	60	45	.29.660	S. E.	14	58	45	30.074	...	N. E.	14	77	57	30.232	...	E.
15	59	42	.29.760	W.	15	64	38	29.950	...	S.	15	84	57	30.351	...	E.
16	57	47	.29.990	E. by N.	16	68	40	29.600	...	N. E.	16	75	56	30.423	...	S. E.
17	60	42	.29.980	N. W.	17	64	48	29.120	...	E.	17	78	49	30.370	...	S. E.
18	55	38	.30.150	W. by S.	18	51	39	28.900	.004	N. E.	18	80	54	30.282	...	S. E.
19	56	37	.30.260	N. W.	19	66	38	29.300	...	S. W.	19	83	51	30.100	...	W.
20	53	33	.30.200	N. E.	20	66	43	29.070	.065	S. W.	20	85	60	30.200	...	N. E.
21	55	40	.29.900	E.	21	63	46	29.760	.100	N. E.	21	73	59	30.151	.022	S. by E.
22	47	42	.29.850	E.	22	66	50	30.092	.009	S. W.	22	76	58	29.921	...	S. W.
23	50	42	.29.980	E.	23	67	51	30.230	.220	N. E.	23	74	54	29.790	.160	W. by S.
24	53	41	.29.880	E. by N.	24	65	54	30.240	...	N. W.	24	76	49	29.520	.100	W.
25	53	35	.29.960	S.	25	66	54	30.286	...	W. by N.	25	76	40	29.500	.550	W.
26	56	40	.29.940	N. E.	26	66	50	30.250	...	N. W.	26	69	51	29.460	.060	S. W.
27	48	32	.30.000	W. by N.	27	65	49	30.180	...	S. E.	27	68	51	29.500	.002	W. by S.
28	51	44	.29.960	N. E.	28	66	44	30.230	...	S. E.	28	71	51	29.650	.240	S. E.
29	51	31	.30.230	W. by N.	29	68	41	30.390	...	S. W.	29	67	51	29.490	.090	S. W.
30	50	...	...	W.	30	68	52	30.340	...	E.	30	67	52	29.790	.210	S. W.
31	74	48	...	...	31	74	48	30.264	...	E.						

JULY.				AUGUST.				SEPTEMBER.			
Thermom.		Barom.	Wind.	Thermom.		Barom.	Wind.	Thermom.		Barom.	Wind.
Max.	Min.			Max.	Min.			Max.	Min.		
1	68°	29.800	S. W.	1	73°	29.857	N. E.	1	66°	30.392	W. by N.
2	68	29.960	S. W.	2	72	29.850	N. E.	2	65	30.372	N. W.
3	73	30.060	S. W.	3	76	29.850	S. E.	3	71	30.352	S. W.
4	75	30.070	E. by S.	4	77	29.900	W.	4	70	30.352	W.
5	81	30.550	N. E.	5	74	29.930	N. E.	5	72	30.182	S. E.
6	72	29.390	W.	6	74	30.020	N. E.	6	71	29.970	W.
7	59	29.830	N. W.	7	74	29.788	E.	7	71	29.928	E.
8	62	29.650	S. W.	8	68	29.650	S. E.	8	70	29.720	N. W.
9	71	29.646	S. E.	9	71	29.840	N. W.	9	69	30.032	W. by N.
10	68	29.953	S. E.	10	71	29.937	S. W.	10	65	30.432	W. by N.
11	68	30.176	S. W.	11	68	29.950	W.	11	65	30.460	W. by N.
12	68	30.143	S. E.	12	70	30.112	W.	12	67	30.500	E.
13	73	30.042	S. E.	13	72	29.600	N. W.	13	70	30.500	E.
14	79	29.110	W. by N.	14	64	29.900	S. E.	14	66	30.343	E.
15	72	29.862	S. W.	15	68	29.600	W.	15	70	30.311	E.
16	75	29.620	S. W.	16	68	29.800	S. W.	16	69	30.250	E.
17	72	30.430	W.	17	70	29.758	S. W.	17	70	30.074	E.
18	65	29.083	S. W.	18	63	29.308	N. E.	18	68	29.920	E.
19	68	29.500	W.	19	62	29.728	N. W.	19	68	29.763	E.
20	68	29.782	W.	20	60	29.726	N. W.	20	69	29.500	E.
21	69	29.700	W.	21	64	29.880	S. W.	21	67	29.690	E.
22	70	29.860	S. W.	22	64	30.100	N. W.	22	64	29.700	E. by S.
23	66	29.550	S. W.	23	70	30.229	W. by N.	23	62	29.310	E. S. E.
24	72	29.650	W.	24	68	30.252	E. by N.	24	65	29.400	E. S. E.
25	70	29.853	W.	25	66	30.314	E.	25	64	29.800	N. W.
26	72	30.100	W.	26	66	30.230	E.	26	65	29.400	N. W.
27	72	30.000	S. W.	27	67	30.146	W.	27	67	29.630	N. W.
28	78	30.070	S. W.	28	69	30.146	S. E.	28	62	29.431	N. W.
29	78	30.100	S. E.	29	66	30.100	W.	29	51	29.431	N. W.
30	63	30.082	N. E.	30	69	30.120	S. W.	30	54	29.760	W.
31	63	30.100	E.	31	71	30.190	S. W.				

OCTOBER.				NOVEMBER.				DECEMBER.			
	Thermom.	Barom.	Wind.		Thermom.	Barom.	Wind.		Thermom.	Barom.	Wind.
1	Max. 61° Min. 51°	29.910	W.	1	Max. 55° Min. 50°	29.392	S. W.	1	Max. 39° Min. 29°	29.760	S. W.
2	64 40	29.760	W.	2	56 51	29.784	S. E.	2	39 29	29.496	N. W.
3	63 41	29.741	W.	3	57 34	29.900	S. E.	3	34 25	29.714	W.
4	59 44	29.472	S. by E.	4	54 46	29.860	S. E.	4	36 27	30.022	N. W.
5	60 52	29.350	N. E.	5	58 43	30.086	S. by E.	5	41 31	29.912	W.
6	60 47	29.200	W. by N.	6	56 53	30.050	S. by E.	6	43 36	29.996	N. W.
7	59 48	29.100	S. W.	7	57 50	30.231	W. by N.	7	41 32	30.220	N. W.
8	57 48	29.373	S. W.	8	56 51	30.422	S. E.	8	44 40	30.400	N. W.
9	58 47	29.250	S. W.	9	51 30	30.462	S. E.	9	47 43	30.332	N. W.
10	64 54	29.250	S. W.	10	50 35	30.520	S. by E.	10	45 42	29.923	N. N. W.
11	60 49	29.474	E. by N.	11	48 34	30.500	N. W.	11	44 26	29.900	N. N. W.
12	60 46	29.600	W. by S.	12	50 38	30.500	E. by S.	12	31 22	29.900	N. N. W.
13	57 40	30.182	N. by E.	13	49 47	30.494	E. by S.	13	33 22	29.960	N. W.
14	53 45	29.100	W. by E.	14	51 44	30.390	S. E.	14	30 24	29.700	W. by N.
15	53 44	28.900	N. by W.	15	48 46	30.172	S. E.	15	31 24	29.642	N.
16	55 43	29.212	N. by W.	16	48 45	29.950	S. E.	16	34 25	29.910	W. by N.
17	54 41	29.422	W.	17	54 47	29.648	S. W.	17	37 32	29.896	W. by N.
18	56 46	29.630	W. N. W.	18	55 44	29.650	S. E.	18	39 25	30.112	W. by S.
19	58 46	29.620	S. W.	19	56 44	29.570	S. W.	19	47 36	29.826	W. by S.
20	56 45	29.500	W. N. W.	20	53 46	28.600	S. S. E.	20	51 41	29.650	W. S. W.
21	51 42	28.700	W.	21	49 42	28.410	W. by S.	21	49 43	29.078	W. by N.
22	51 41	29.300	N. W.	22	51 36	29.360	W. S. W.	22	45 33	29.172	W. by N.
23	50 37	29.820	N. W.	23	49 39	29.626	W.	23	41 34	29.200	E. by S.
24	49 41	29.500	W. by S.	24	58 49	29.516	W.	24	37 30	29.260	E. by S.
25	54 37	30.250	N. E.	25	55 45	29.464	W.	25	37 25	29.900	N. by W.
26	51 33	29.872	W. by S.	26	48 43	29.250	W. by N.	26	32 23	30.350	N. N. W.
27	50 41	30.330	W. by N.	27	46 40	29.500	E. by N.	27	36 16	30.350	N. N. W.
28	52 41	30.150	S. W.	28	47 29	29.600	W.	28	43 34	30.390	W. S. W.
29	53 44	30.182	N. W.	29	41 25	29.932	N. E.	29	46 40	30.440	S. W.
30	54 40	30.282	N. W.	30	36 27	30.084	N. E.	30	48 44	30.500	S. W.
31	53 42	30.124	S. W.					31	48 44	30.500	S. W.

	RAIN.	MEAN TEMP.		RAIN.	MEAN TEMP.
January	2.843	44.4	July	2.883	61.8
February . . .	967	45.5	August	4.105	61.0
March	2.660	43.5	September . . .	2.624	57.9
April	5.082	45.8	October	3.937	53.1
May	1.552	55.0	November . . .	1.648	56.3
June	1.474	65.5	December . . .	.713	35.6
				30.488	